

Fig. 1

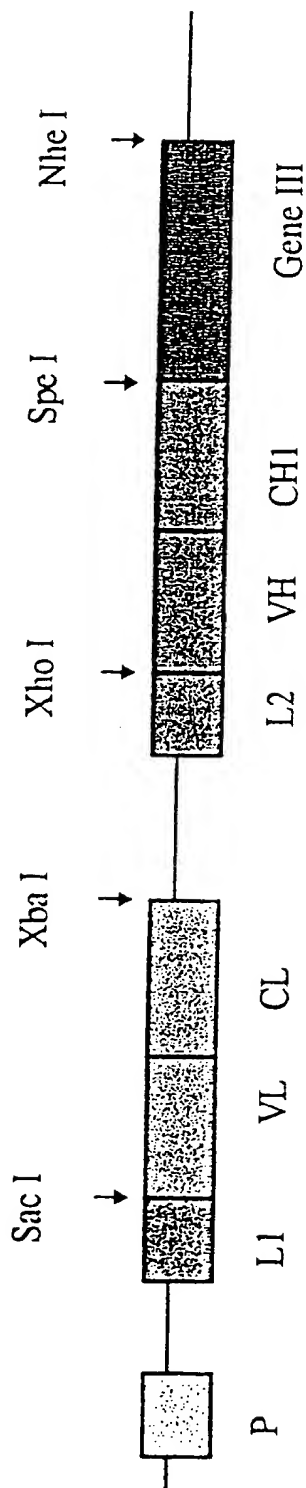


Fig. 2

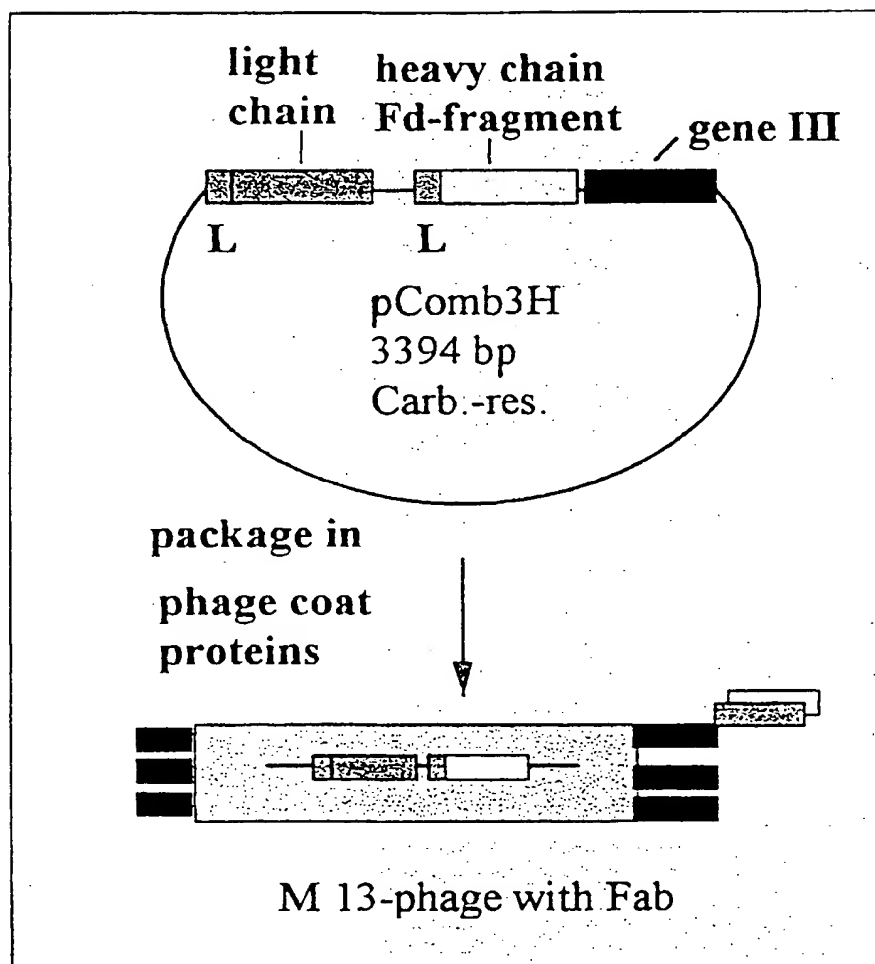


Fig. 3

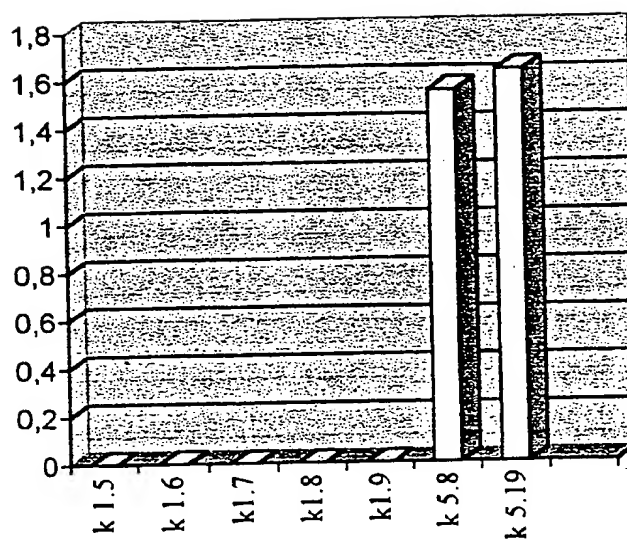


Fig. 4

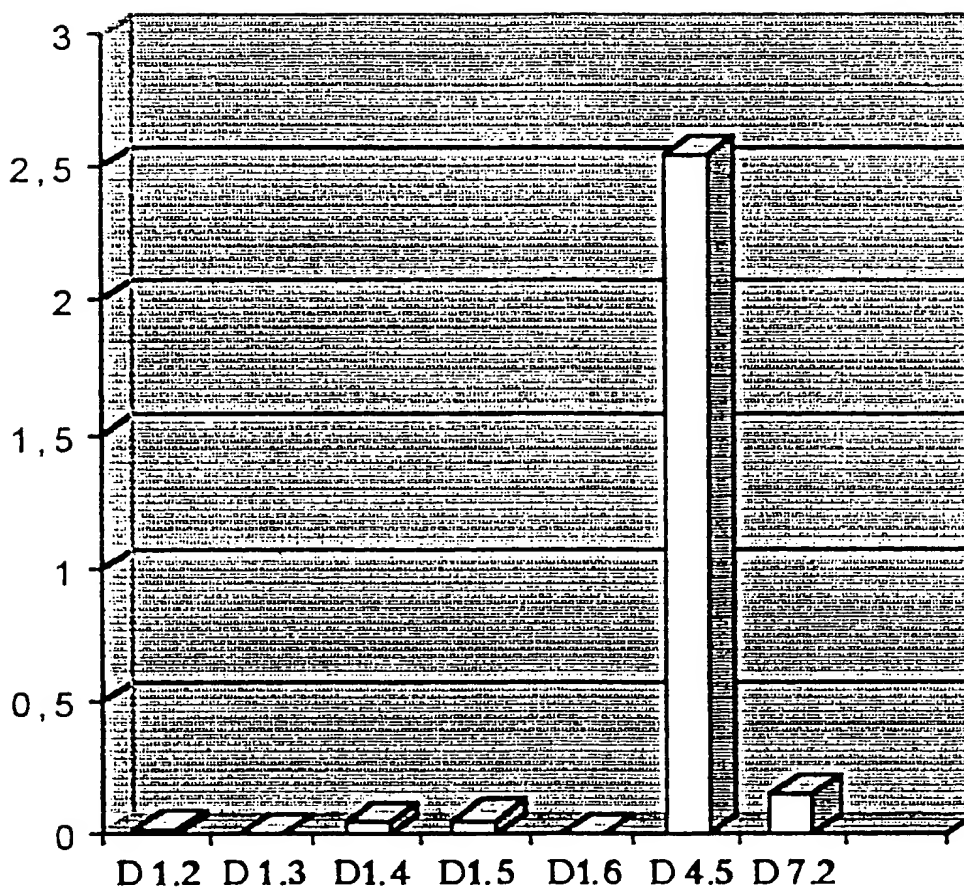
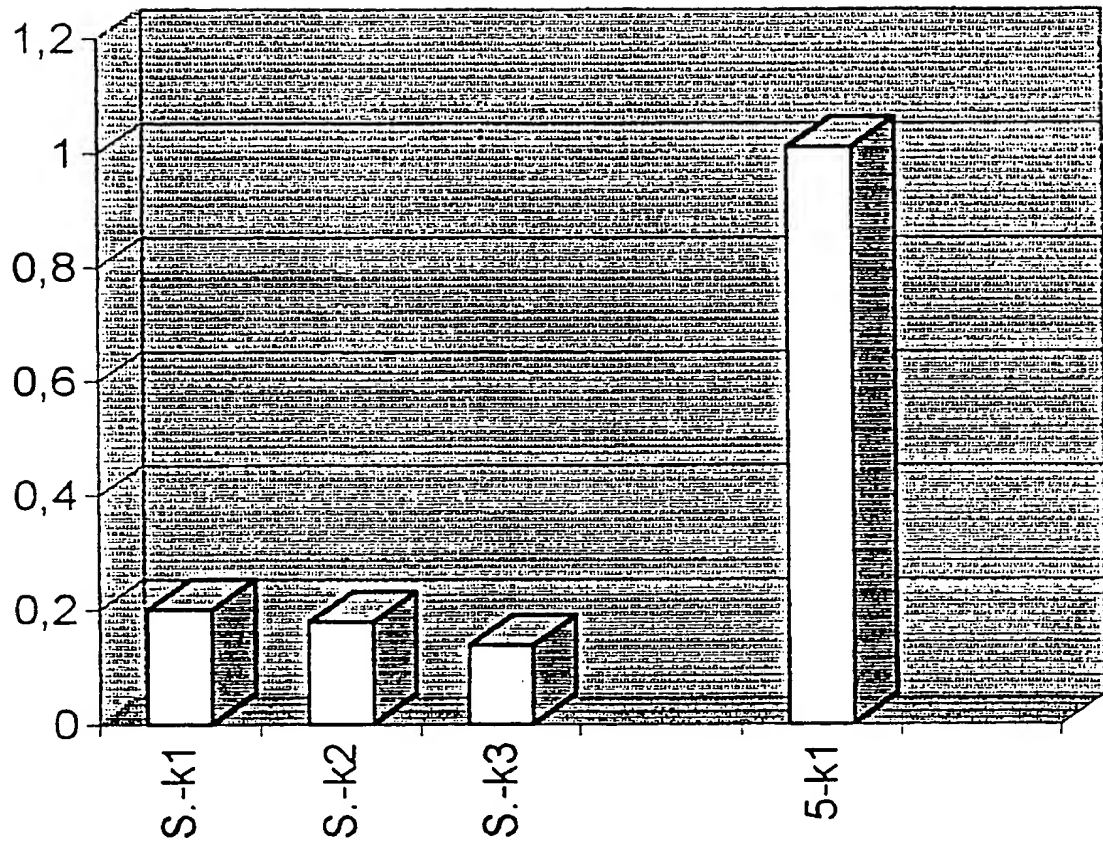


Fig. 5



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File Name : D4.5-k8-VL

Fig. 6

| | | | | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5' | | | 9 | | | 18 | | | 27 | | | 36 | | | 45 | | | 54 |
| | GAG | CTC | CAG | ATG | ACC | CAG | TCT | CCA | TCC | TCC | CTG | TCT | GCT | TCT | GTG | GGA | GAC | AGA |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | E | L | Q | M | T | Q | S | P | S | S | L | S | A | S | V | G | D | R |
| | | | 63 | | | 72 | | | 81 | | | 90 | | | 99 | | | 108 |
| | GTC | ACC | ATC | ACT | TGT | CGG | ACA | AGT | CAG | AGC | ATT | AGC | AGC | TAT | TTA | AAT | TGG | TAT |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | V | T | I | T | C | R | T | S | Q | S | I | S | S | Y | L | N | W | Y |
| | | | 117 | | | 126 | | | 135 | | | 144 | | | 153 | | | 162 |
| | CAG | CAG | AAA | CCA | GGA | CAG | CCT | CCT | AAG | CTG | CTC | ATT | TAC | TGG | GCA | TCT | ACC | CGG |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | Q | Q | K | P | G | Q | P | P | K | L | L | I | Y | W | A | S | T | R |
| | | | 171 | | | 180 | | | 189 | | | 198 | | | 207 | | | 216 |
| | GAA | TCC | GGG | GTC | CCT | GAC | CGA | TTC | AGT | GGC | AGC | GGG | TCT | GGG | ACA | GAT | TTC | ACT |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | E | S | G | V | P | D | R | F | S | G | S | G | S | G | T | D | F | T |
| | | | 225 | | | 234 | | | 243 | | | 252 | | | 261 | | | 270 |
| | CTC | ACC | ATC | AGC | AGT | CTA | CAA | CCT | GAA | GAT | TCT | GCA | ACT | TAC | TAC | TGT | CAG | CAG |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | L | T | I | S | S | L | Q | P | E | D | S | A | T | Y | Y | C | Q | Q |
| | | | 279 | | | 288 | | | 297 | | | 306 | | | 315 | | | |
| | AGT | TAC | GAC | ATC | CCG | TAC | ACT | TTT | GGC | CAG | GGG | ACC | AAG | CTG | GAG | ATC | AAA | 3' |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | S | Y | D | I | P | Y | T | F | G | Q | G | T | K | L | E | I | K | |

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D4.5:

File Name : D4.5-k8-VH

Fig. 7

5' GAG GTG CAG CTG CTC GAG TCT GGG GGA GGC GTG GTC CAG CCT GGG AGG TCC CTG

 E V Q L L E S G G G V V Q P G R S L

AGA CTC TCC TGT GCA GCC TCT GGA TTC ACC TTC AGT AGC TAT GGC ATG CAC TGG

 R L S C A A S G F T F S S Y G M H W

GTC CGC CAG GCT CCA GGC AAG GGG CTG GAG TGG GTG GCA GTT ATA TCA TAT GAT

 V R Q A P G K G L E W V A V I S Y D

GGA AGT AAT AAA TAC TAT GCA GAC TCC GTG AAG GGC CGA TTC ACC ATC TCC AGA

 G S N K Y Y A D S V K G R F T I S R

GAC AAT TCC AAG AAC ACG CTG TAT CTG CAA ATG AAC AGC CTG AGA GCT GAG GAC

 D N S K N T L Y L Q M N S L R A E D

ACG GCT GTG TAT TAC TGT GCG AAA GAT ATG GGG TGG GGC AGT GGC TGG AGA CCC

 T A V Y Y C A K D M G W G S G W R P

TAC TAC TAC TAC GGT ATG GAC GTC TGG GGC CAA GGG ACC ACG GTC ACC GTC TCC

 Y Y Y Y G M D V W G Q G T T V T V S

TCA GCA CCC ACC AAG GCT CCG GAT GTG TTC CCT CTA 3'

 S A P T K A P D V F P L

File Name : D7.2-k8-VH

Fig. 8

| | | | | | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5' | GAG | GTG | CAG | CTG | CTC | GAG | TCT | GGG | GGA | GTC | GTG | GTA | CAG | CCT | GGG | GGG | TCC | CTG | 54 |
| | E | V | Q | L | L | E | S | G | G | V | V | V | Q | P | G | G | S | L | |
| | AGA | CTC | TCC | TGT | GCA | GCC | TCT | GGA | TTC | ACC | TTT | GAT | GAT | TAT | GCC | ATG | CAC | TGG | 108 |
| | R | L | S | C | A | A | S | G | F | T | F | D | D | Y | A | M | H | W | |
| | GTC | CGC | CAG | GCT | CCA | GGC | AAG | GGG | CTG | GAG | TGG | GTG | GCA | GTT | ATA | TCA | TAT | GAT | 162 |
| | V | R | Q | A | P | G | K | G | L | E | W | V | A | V | I | S | Y | D | |
| | GGA | AGT | AAT | AAA | TAC | TAT | GCA | GAC | TCC | GTG | AAG | GGC | CGA | TTC | ACC | ATC | TCC | AGA | 216 |
| | G | S | N | K | Y | Y | A | D | S | V | K | G | R | F | T | I | S | R | |
| | GAC | AAT | TCC | AAG | AAC | ACG | CTG | TAT | CTG | CAA | ATG | AAC | AGC | CTG | AGA | GCT | GAG | GAC | 270 |
| | D | N | S | K | N | T | L | Y | L | Q | M | N | S | L | R | A | E | D | |
| | ACG | GCT | GTG | TAT | TAC | TGT | GCG | AAA | AAG | GAA | GGC | TAC | TGG | GGC | CAG | GGA | ACC | CTG | 324 |
| | T | A | V | Y | Y | C | A | K | K | E | G | Y | W | G | Q | G | T | L | |
| | GTC | ACC | GTC | TCC | TCA | GCA | CCC | ACC | AAG | GCT | CCG | GAT | GTG | TTC | CCT | CTA | 3' | | |
| | V | T | V | S | S | A | P | T | K | A | P | D | V | F | P | L | | | |

Fig. 9

k5.1

File Name : kappa5.1/11.97

| | | | | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | 9 | | 18 | | 27 | | 36 | | 45 | | 54 | | | | | |
| 5' | GAG | CTC | CAG | ATG | ACC | CAG | TCT | CCA | TCC | TCC | CTG | TCT | GCA | TCT | GTA | GGA | GAC | AGA |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | E | L | Q | M | T | Q | S | P | S | S | L | S | A | S | V | G | D | R |
| | | | 63 | | | 72 | | | 81 | | 90 | | | 99 | | | 108 | |
| | GTC | ACC | ATC | ACT | TGC | CGG | GCA | AGT | CAG | AGC | ATT | AGC | AGC | TAT | TTA | AAT | TGG | TAT |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | V | T | I | T | C | R | A | S | Q | S | I | S | S | Y | L | N | W | Y |
| | | | 117 | | | 126 | | | 135 | | 144 | | | 153 | | | 162 | |
| | CAG | CAG | AAA | CCA | GGA | CAG | CCT | CCT | AAG | CTG | CTC | ATT | TAC | TGG | GCA | TCT | ACC | CGG |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | Q | Q | K | P | G | Q | P | P | K | L | L | I | Y | W | A | S | T | R |
| | | | 171 | | | 180 | | | 189 | | 198 | | | 207 | | | 216 | |
| | GAA | TCC | GGG | GTC | CCT | GAC | CGA | TTC | AGC | GGC | AGT | GAA | TCT | GGG | ACA | AAT | TAC | ACT |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | E | S | G | V | P | D | R | F | S | G | S | E | S | G | T | N | Y | T |
| | | | 225 | | | 234 | | | 243 | | 252 | | | 261 | | | 270 | |
| | CTC | ACC | ATC | AGC | AGC | CTG | CAG | CCT | GAA | GAT | TTT | GCT | ACT | TAC | TTT | TGT | CAA | CAG |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | L | T | I | S | S | L | Q | P | E | D | F | A | T | Y | F | C | Q | Q |
| | | | 279 | | | 288 | | | 297 | | 306 | | | 315 | | | 324 | |
| | TCT | GAC | AGT | TTG | CCG | ATC | ACC | TTC | GGC | CAA | GGG | ACA | CGA | CTG | GAC | ATT | CAA | 3' |
| | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | S | D | S | L | F | I | T | F | G | Q | G | T | R | L | D | I | Q | |

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Fig. 10

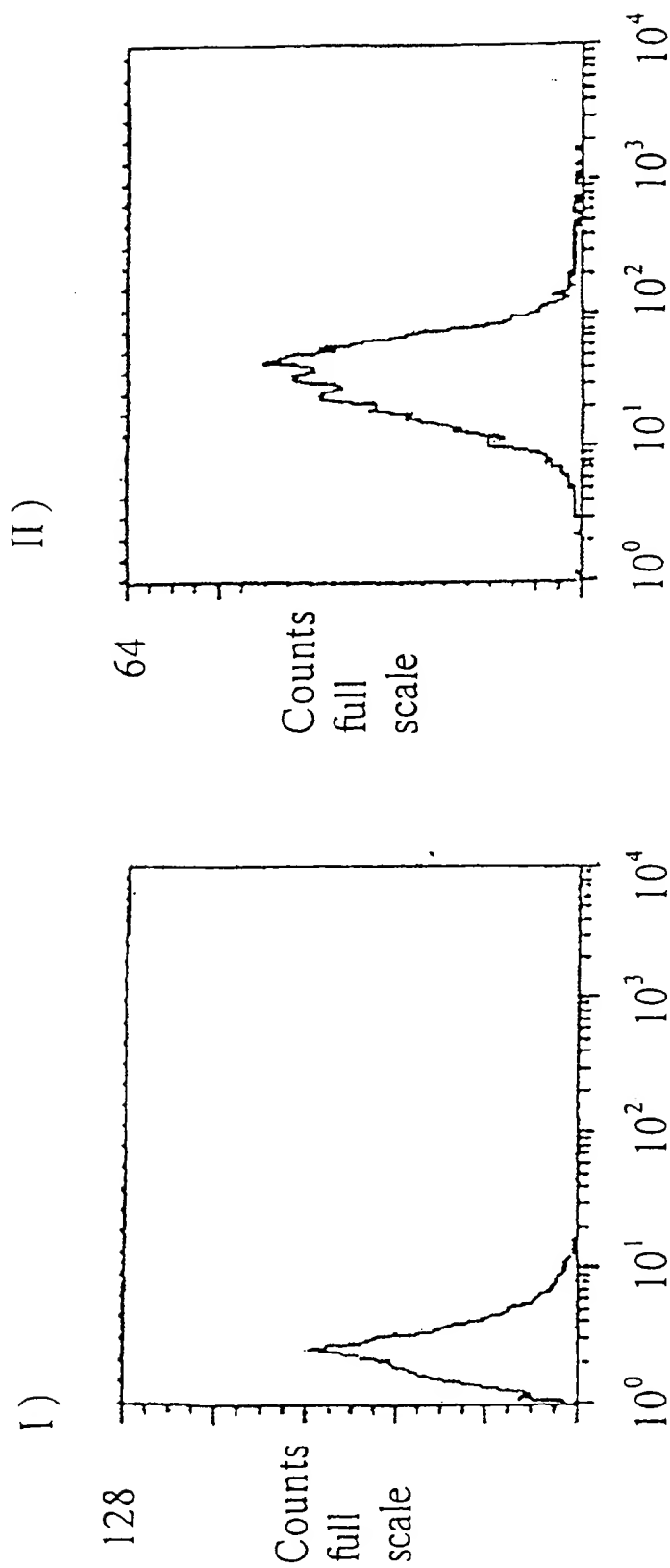


Fig. 10 (cont.)

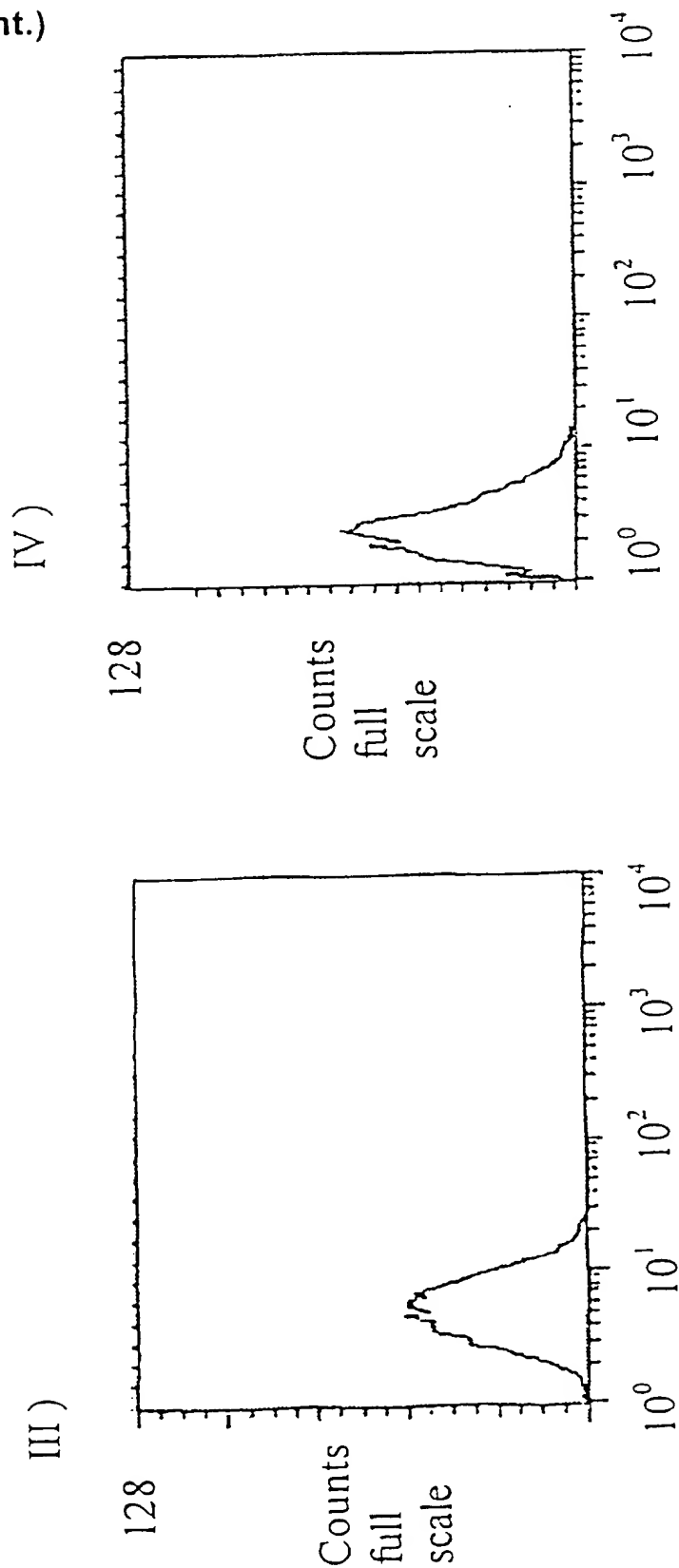
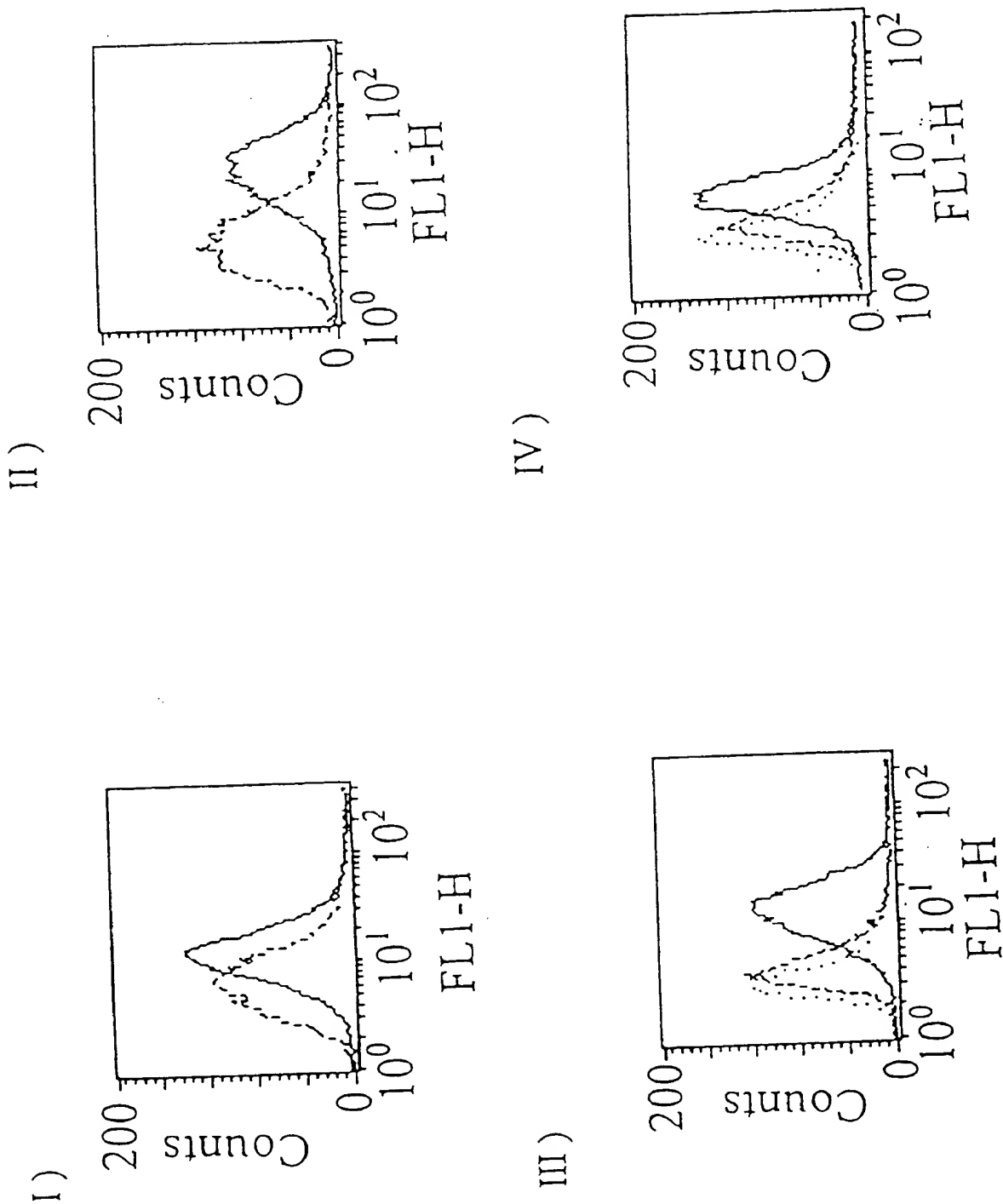


Fig. 11



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Fig. 11 (cont.)

V)

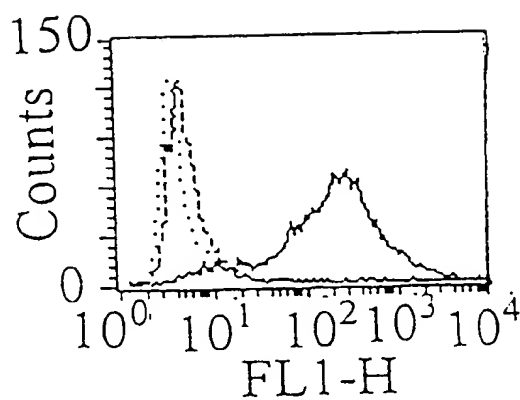


Fig. 12

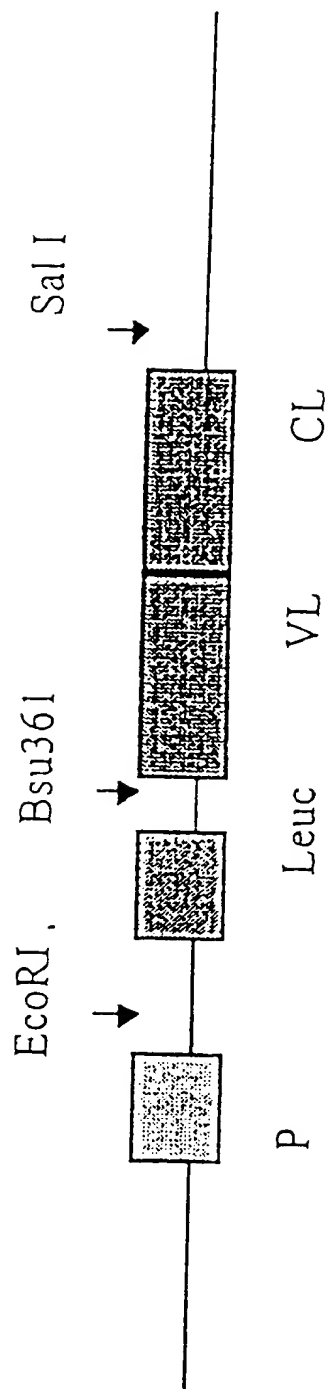


Fig. 13

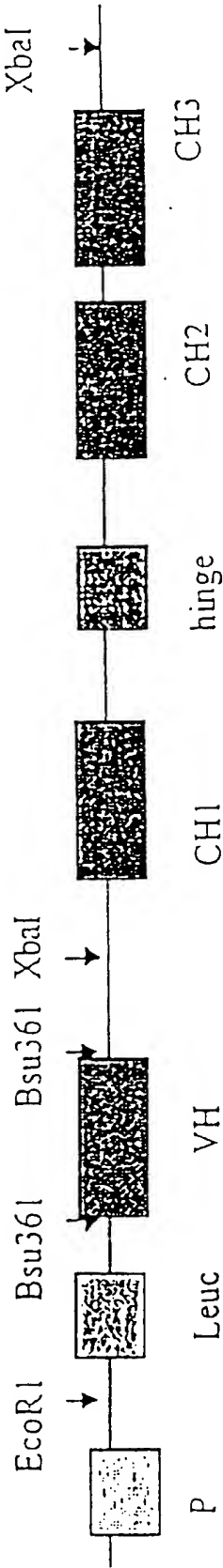
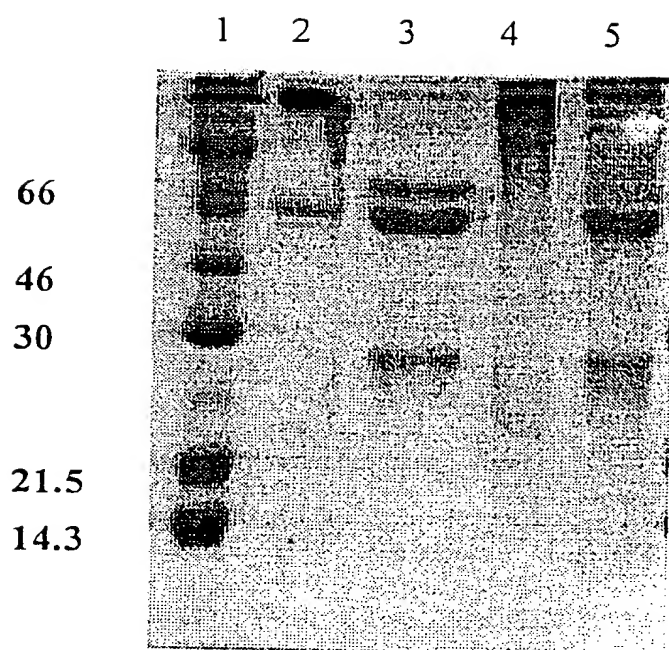


Fig. 14



Lane 1: Marker (MW [kDa] of single bands marked on the left side of the gel)

Lane 2 : H79 human IgG1 (non-reducing)

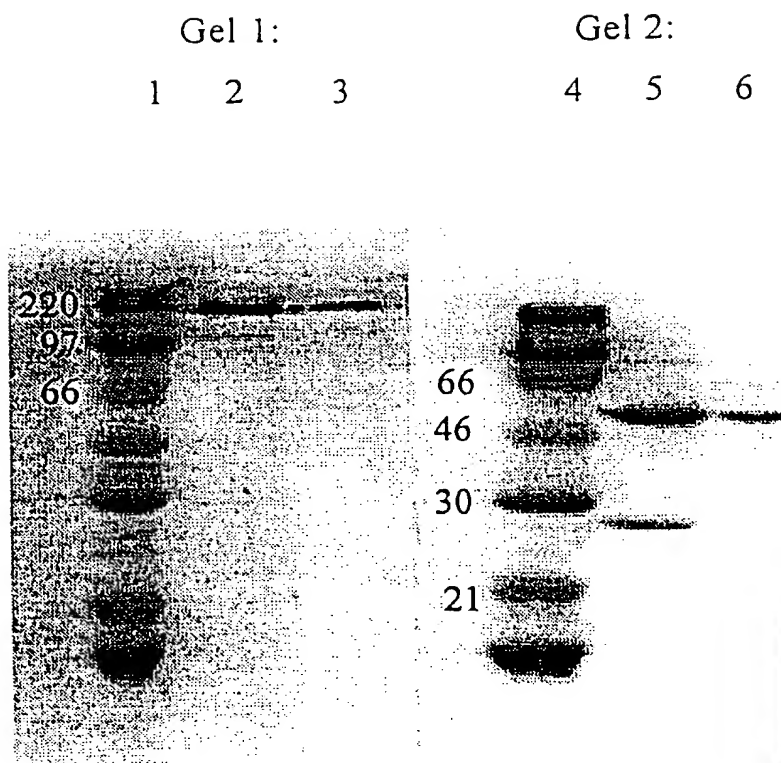
Lane 3 : H79 human IgG1 under reducing conditions

Lane 4 : H79 murine IgG1 (non-reducing)

Lane 5 : H79 murine IgG1 under reducing conditions

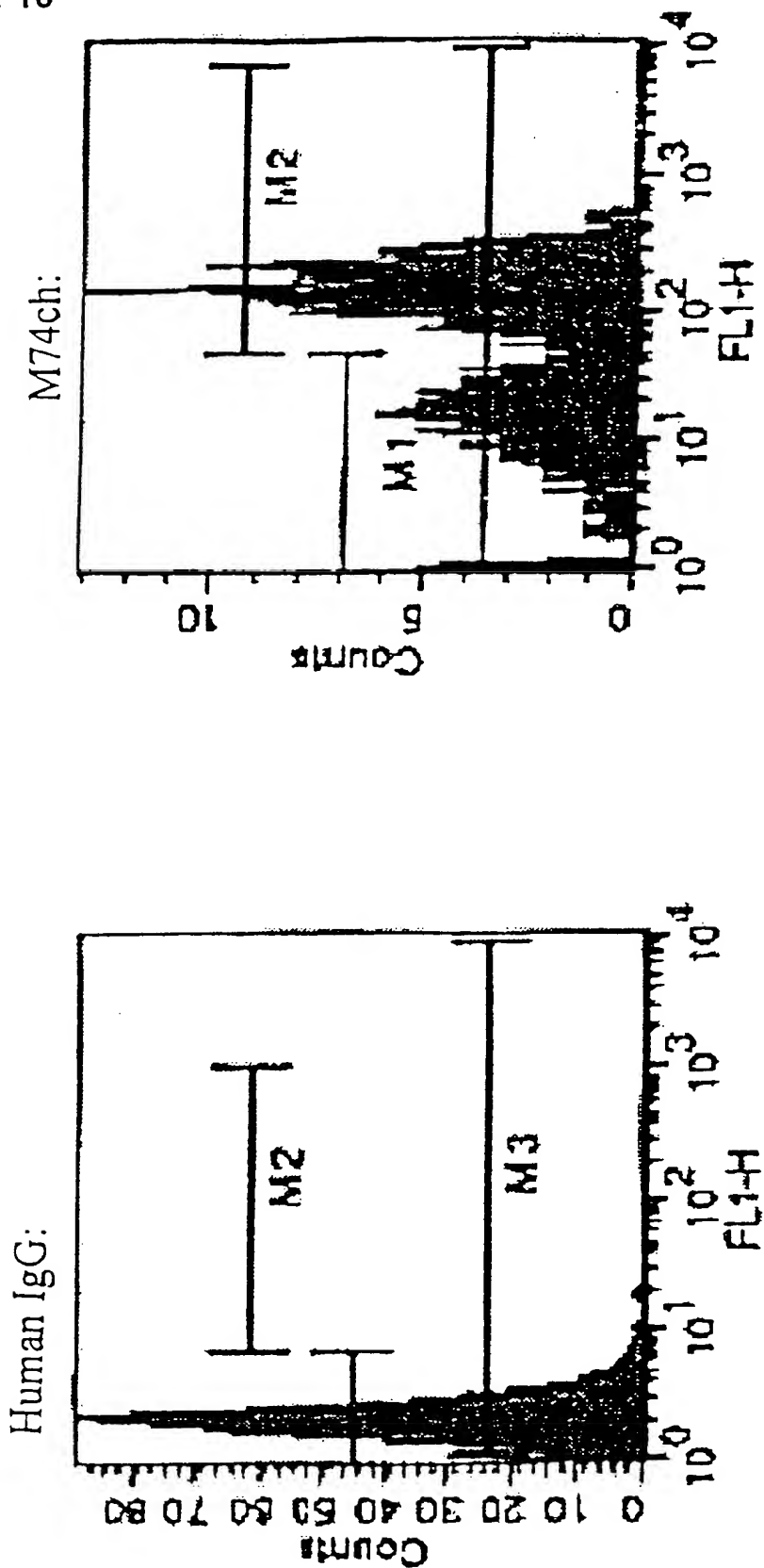
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Fig. 15



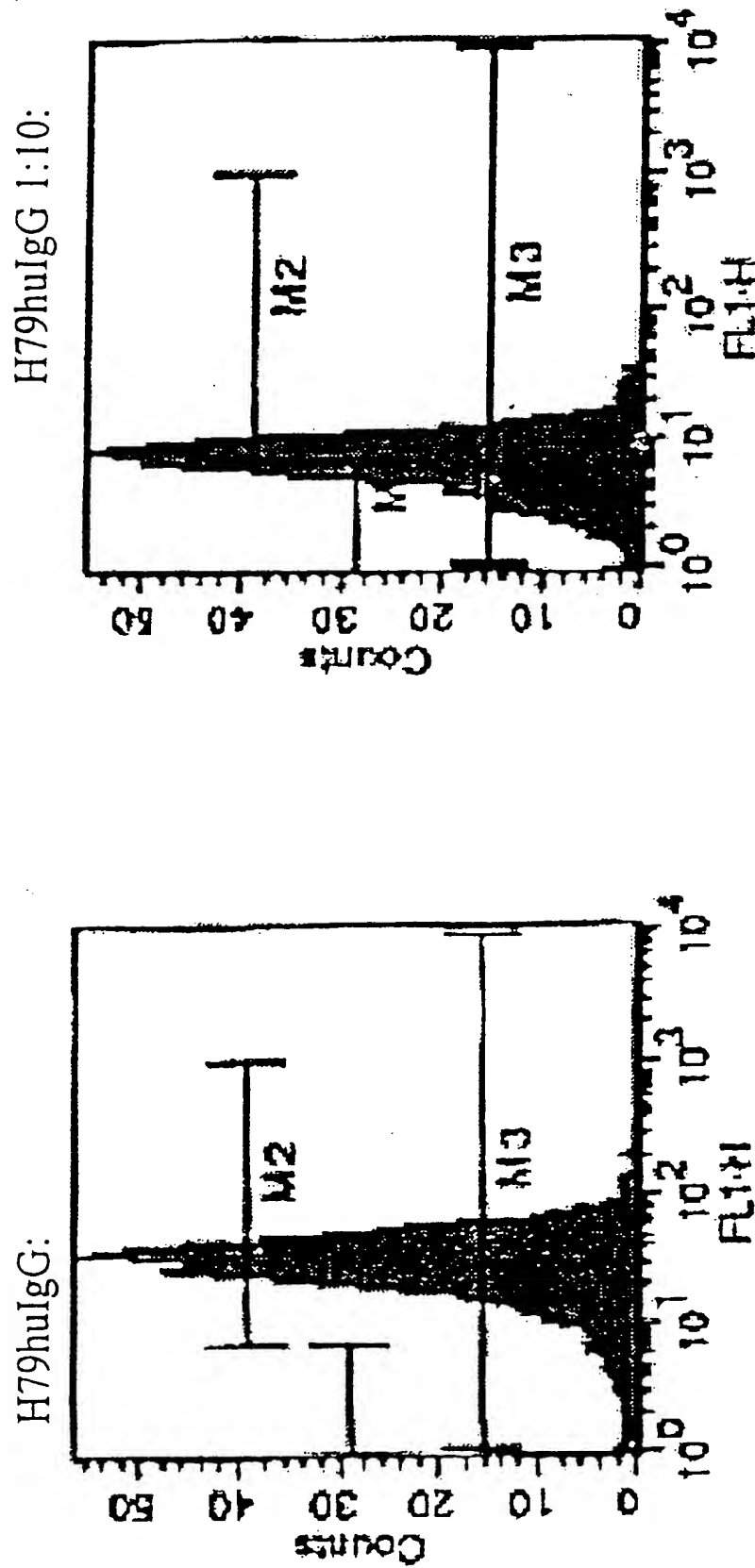
Gel 1: Lane 1: Marker (MW [kDa] of single bands marked on the left side of the gel)
Lane 2 : H79 human IgG1 (non-reducing)
Lane 3 : HD70 human IgG1 (non-reducing)
Gel 2: Lane 4: Marker (MW [kDa] of single bands marked on the left side of the gel)
Lane 5 : H79 human IgG1 under reducing conditions
Lane 6 : HD70 human IgG1 under reducing conditions

Fig. 16



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Fig. 16 (cont.)



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Fig. 16 (cont.)

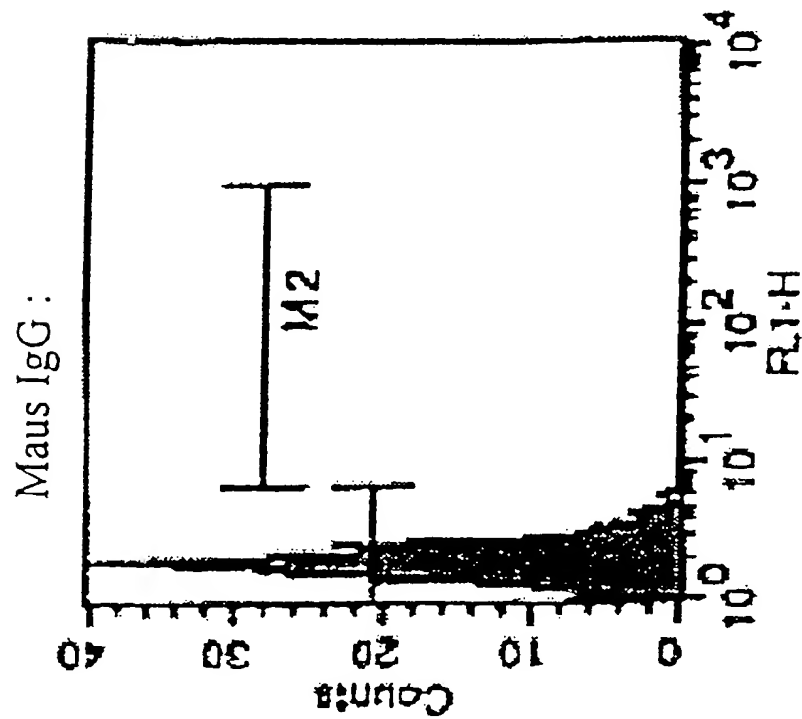
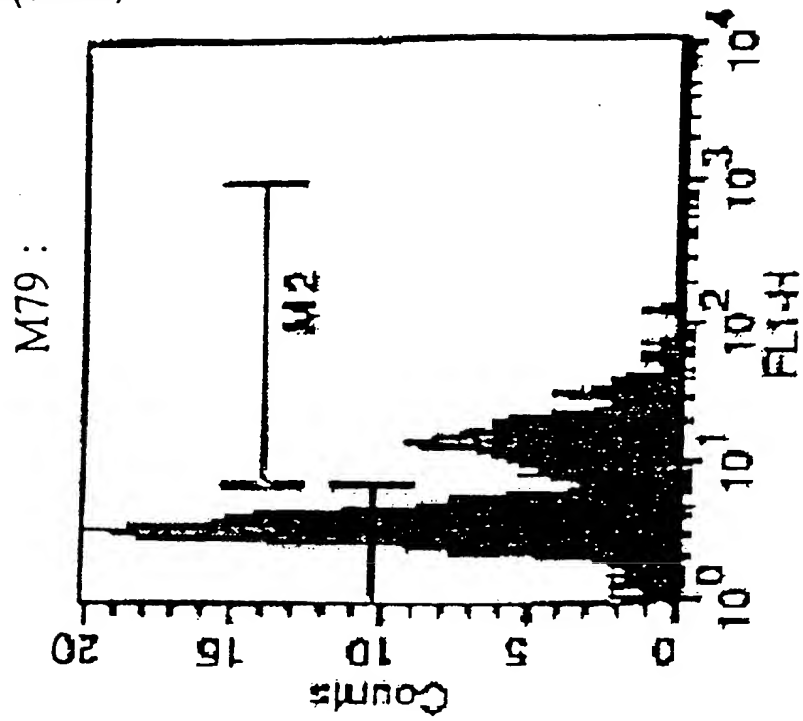
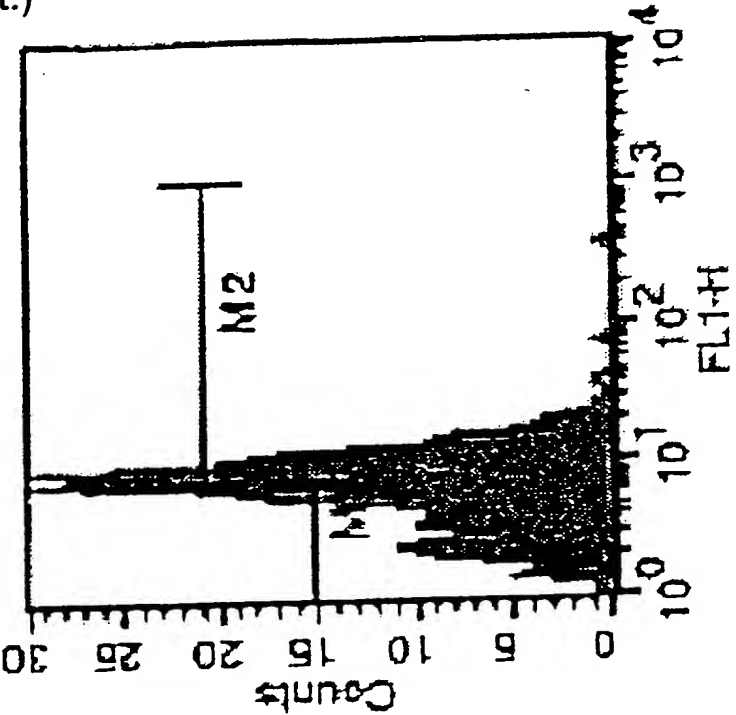


Fig. 16 (cont.)

H79IgG1M (1:10):



H79IgG1M:

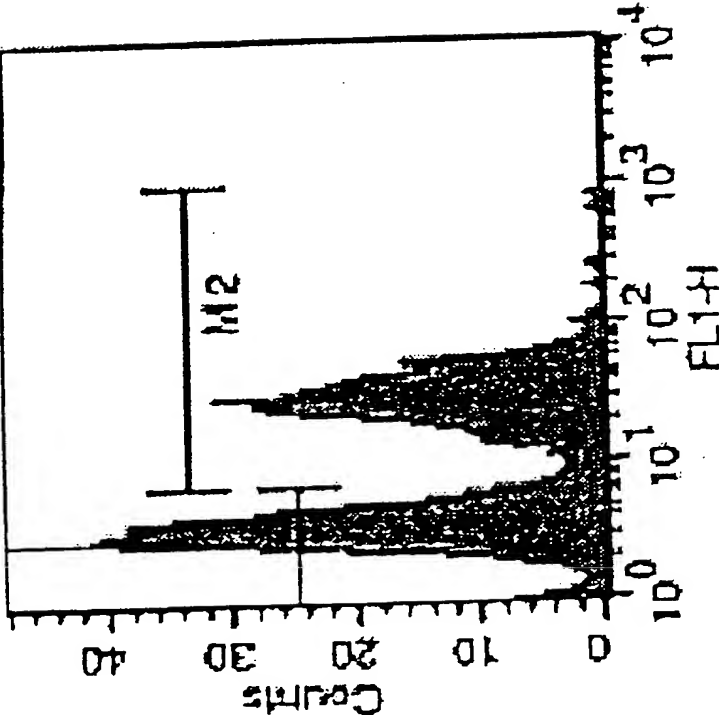


Fig. 17 FACS AK

I)
II)
III)

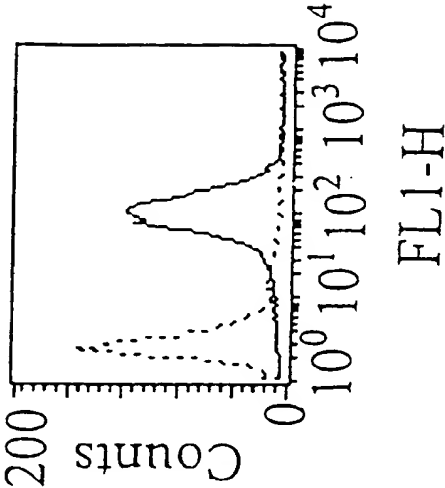
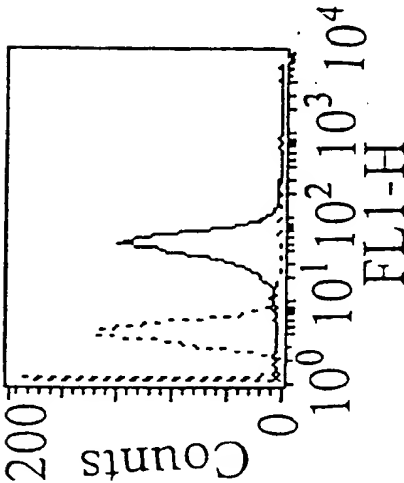
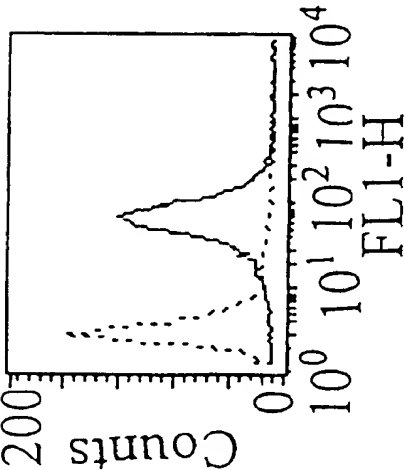
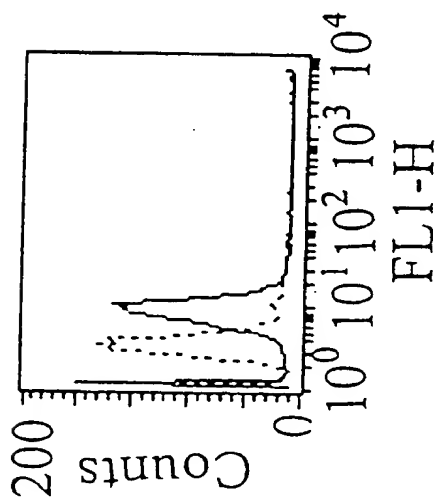
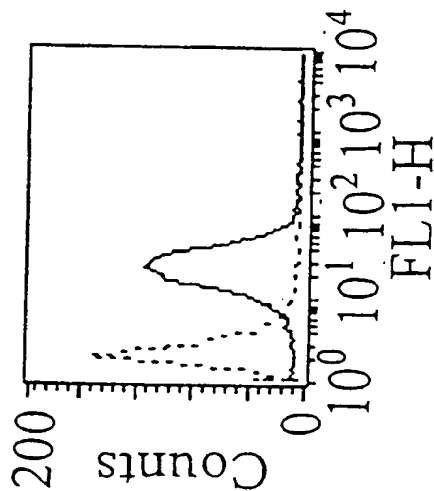


Fig. 17 (cont.)

IV)



V)



VI)

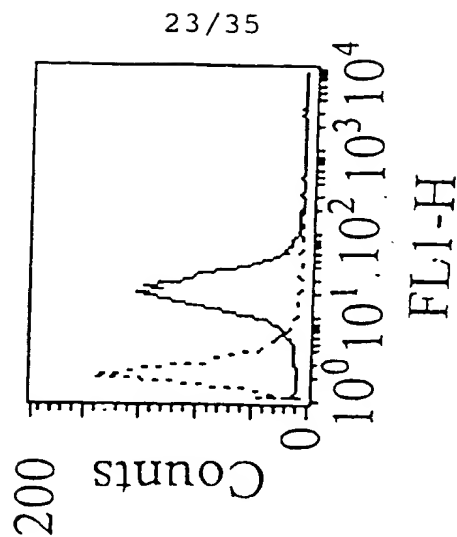
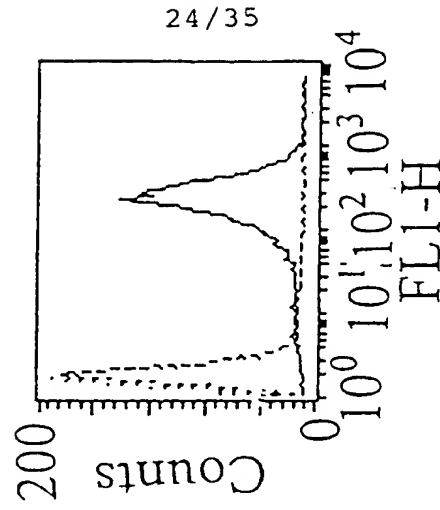
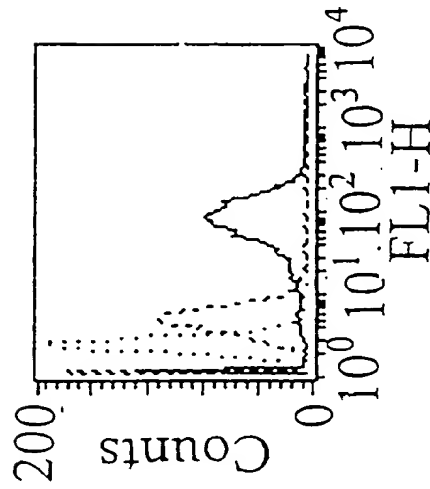


Fig. 17 (cont.)

IX)



VIII)



VII)

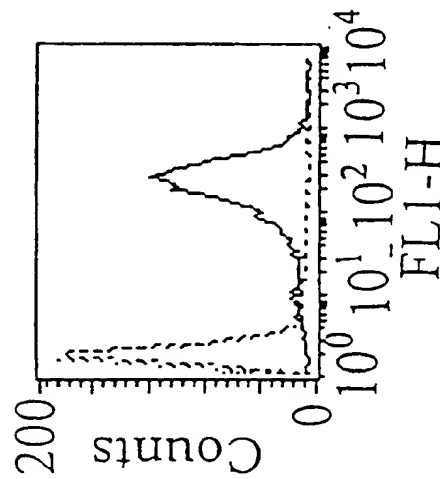
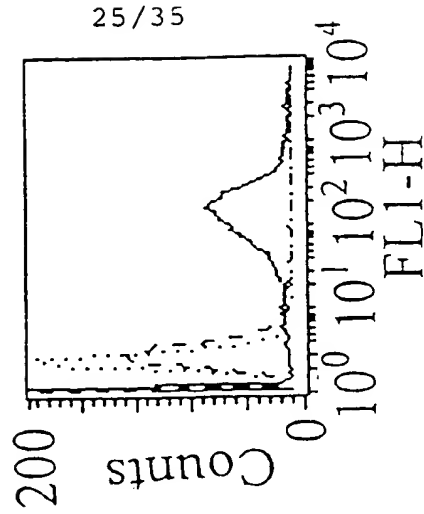
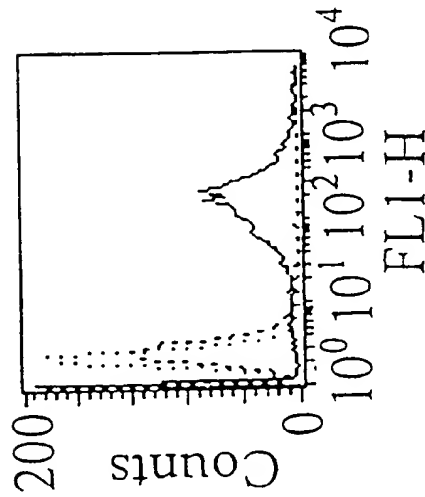


Fig. 17 (cont.)

XII)



XI)



X)

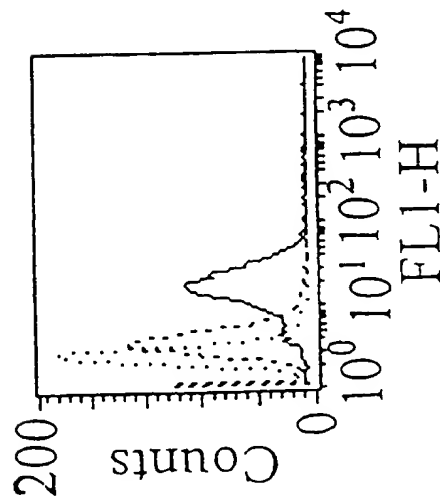
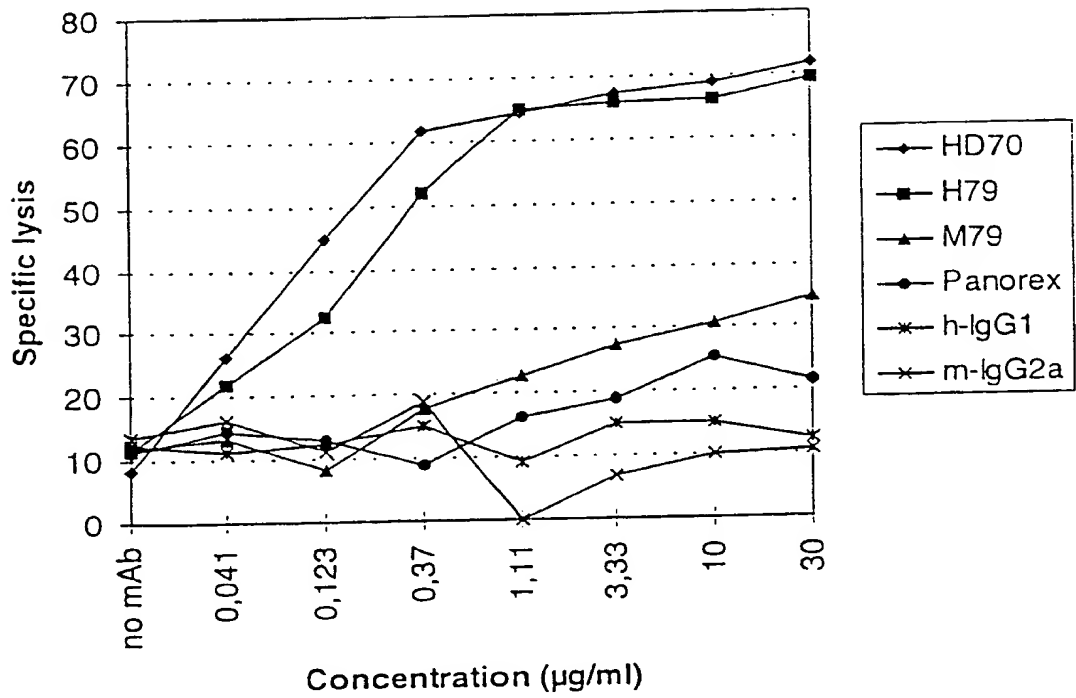


Fig. 18: ADCC

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55HTOT 40TE0160

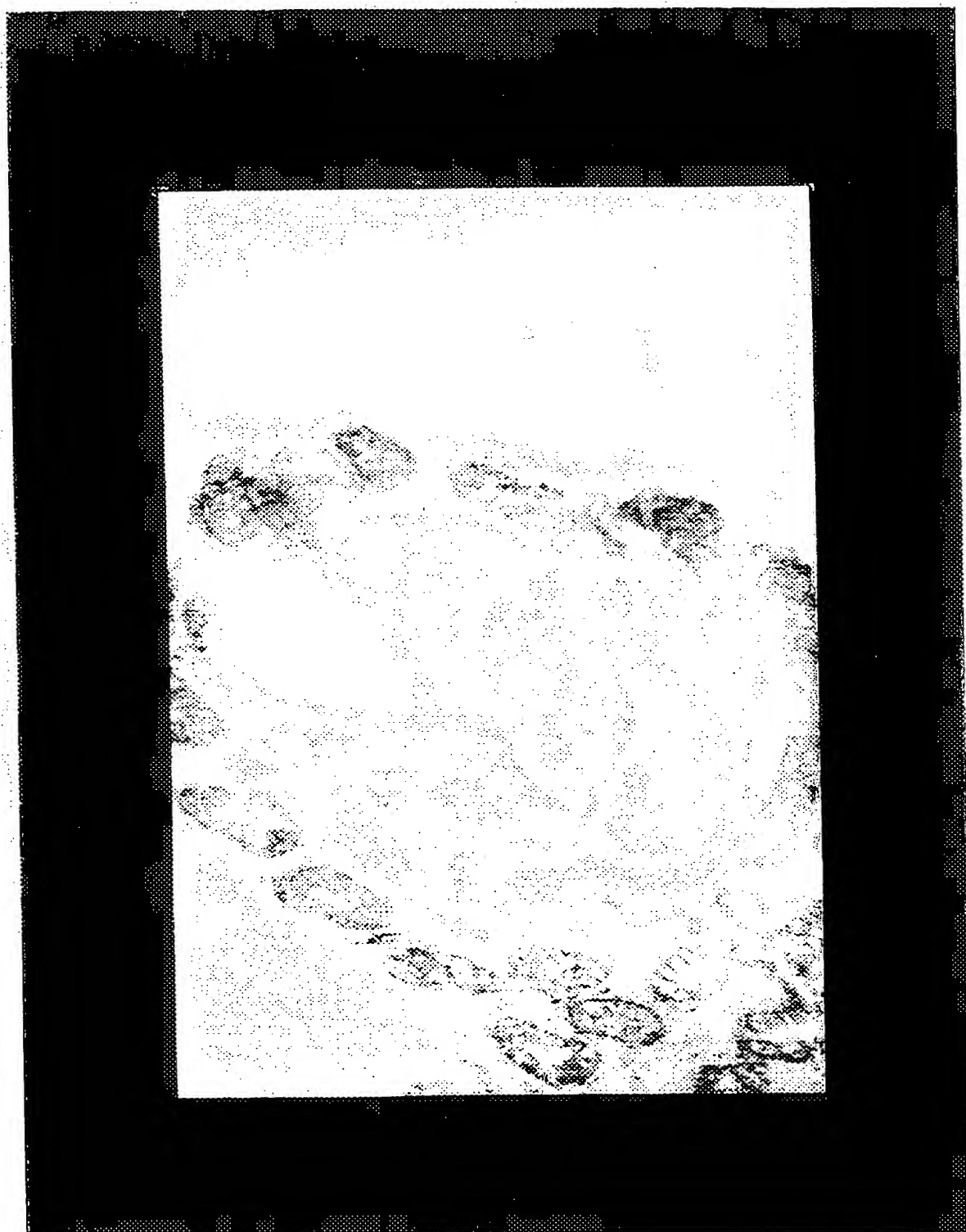


Fig. 19

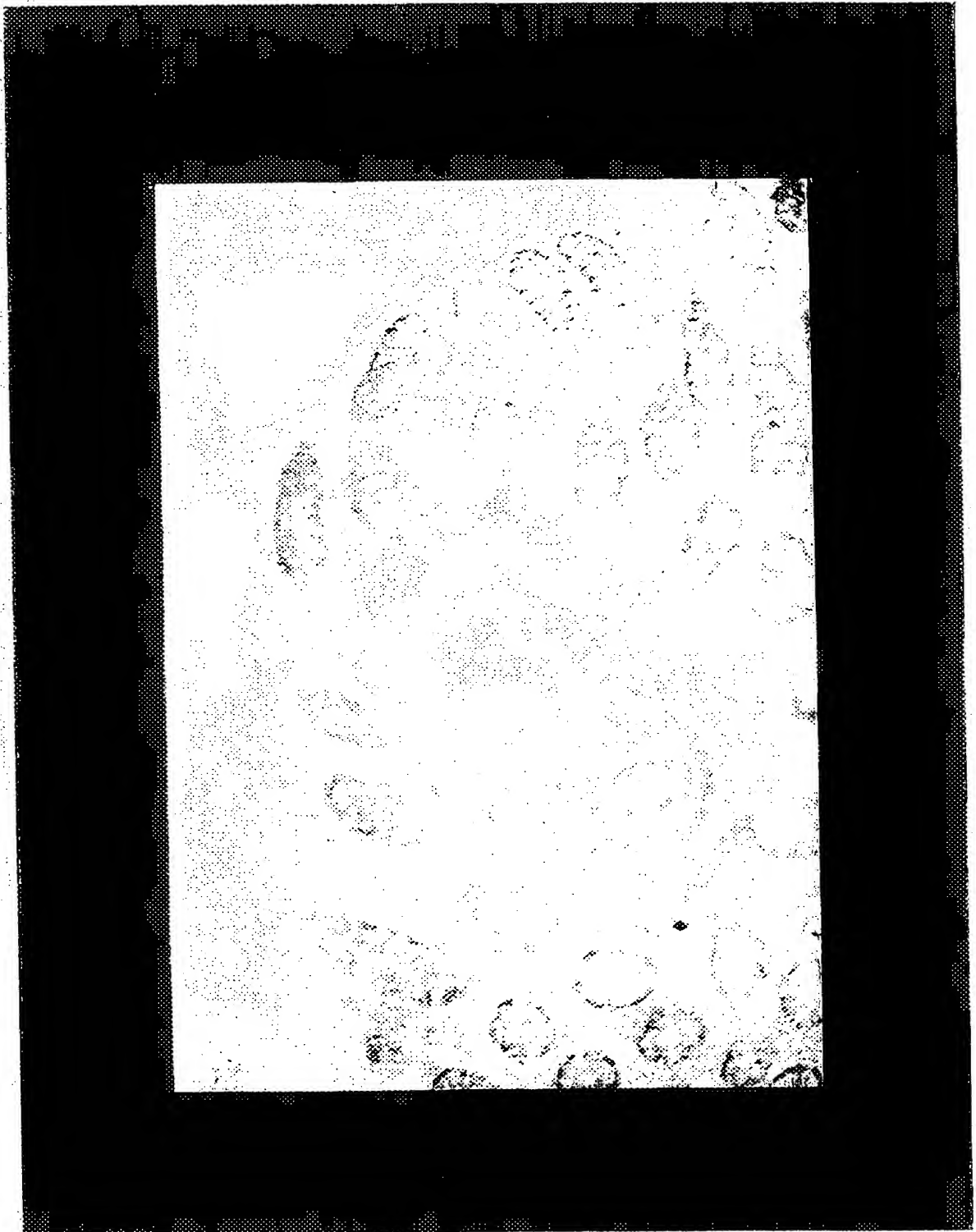


Fig. 20

654707 4076060

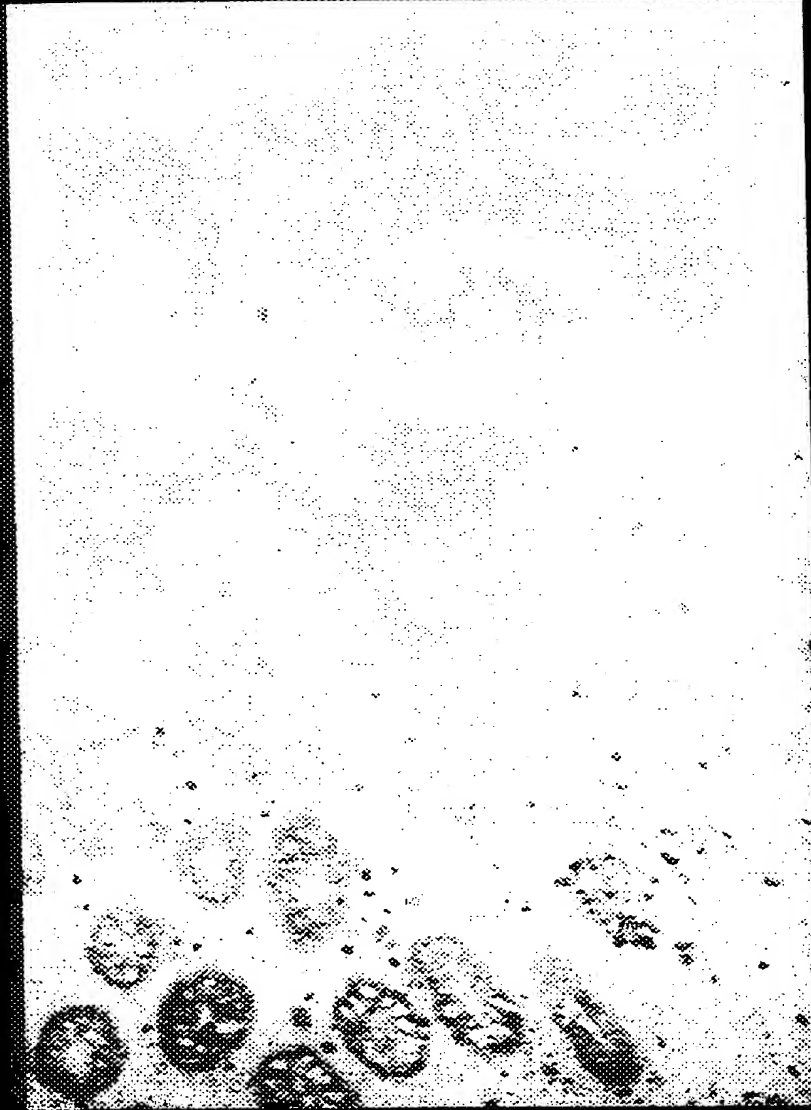


Fig. 21

SHOT 2070000



Fig. 22

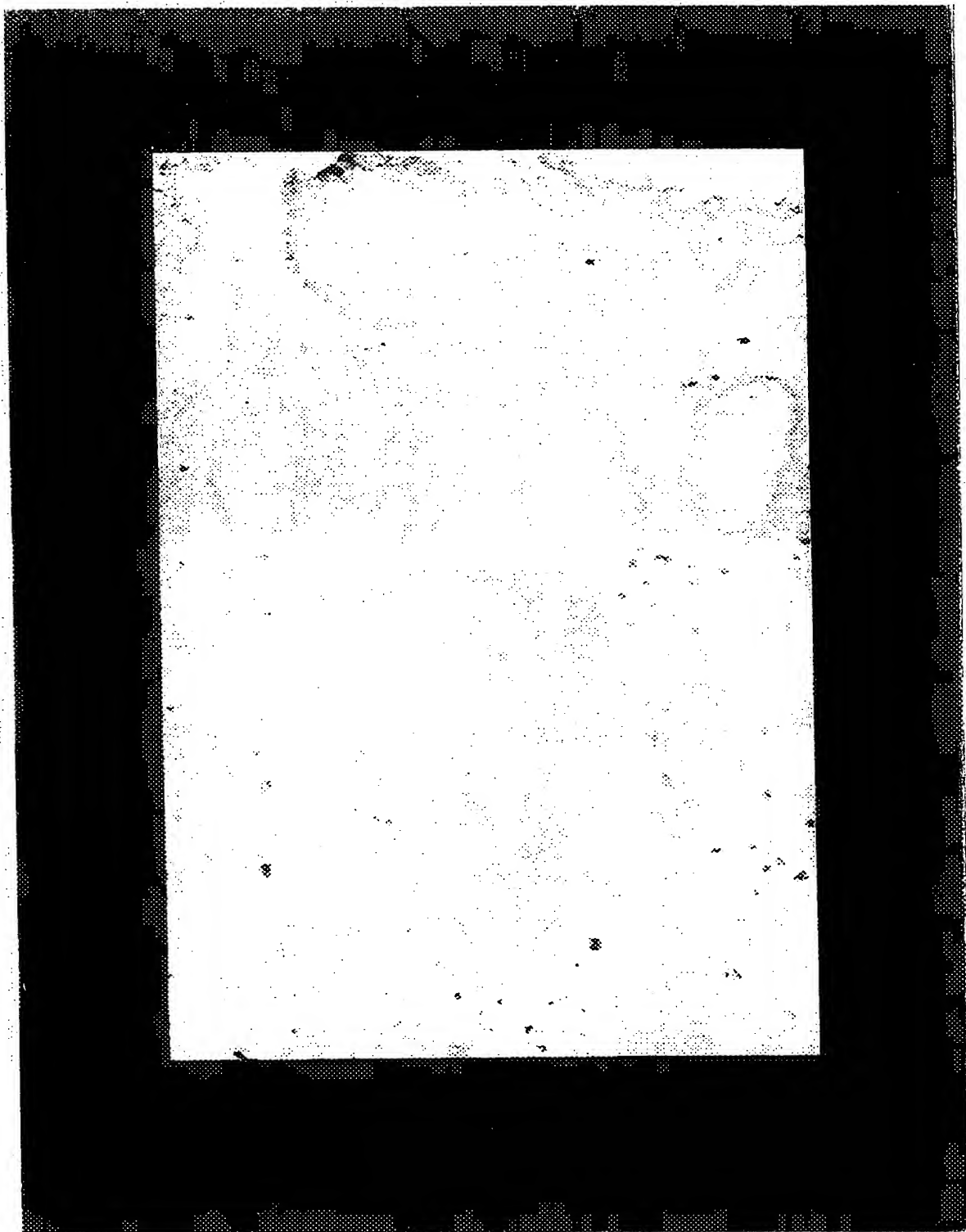


Fig. 23

Scanned with a flatbed scanner

00403107-403107



Fig. 24

66HTOT" 20TE0H00

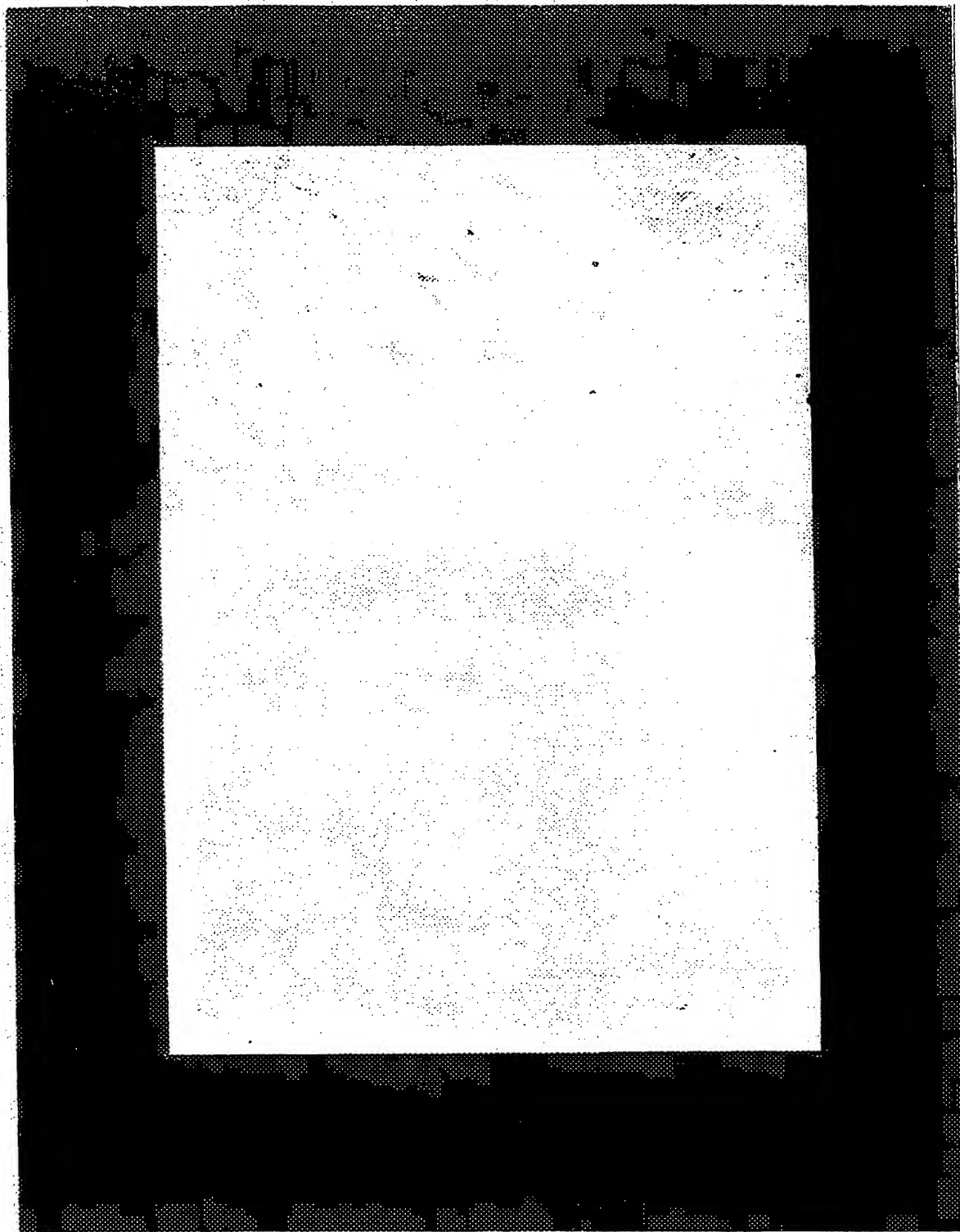


Fig. 25

FIG. 26

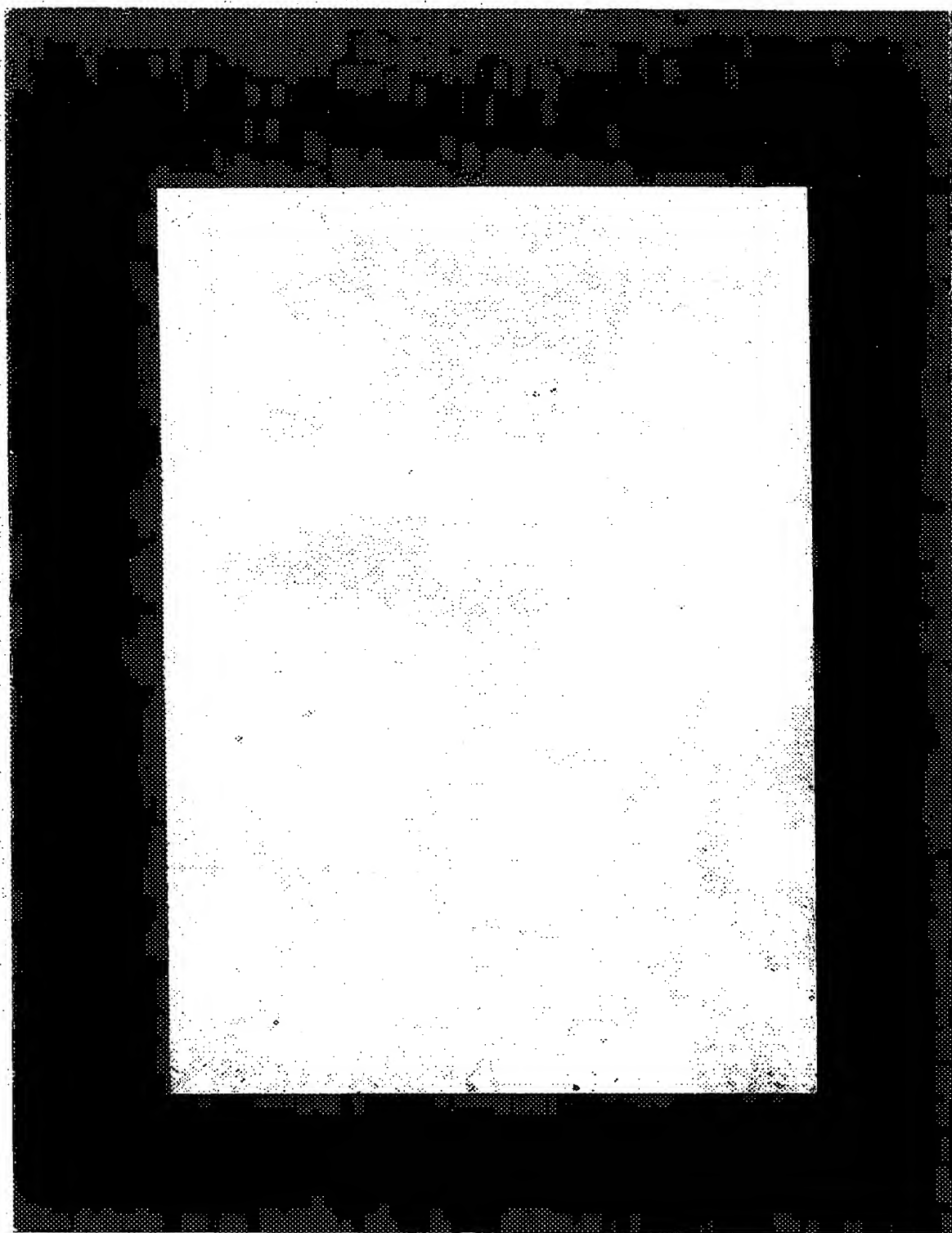
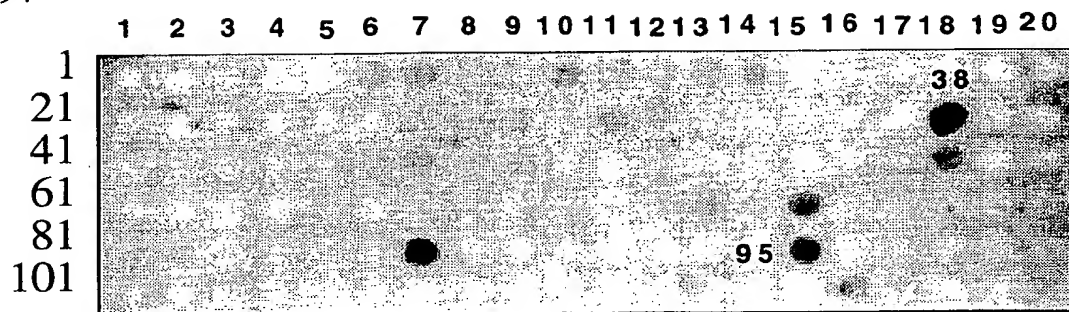
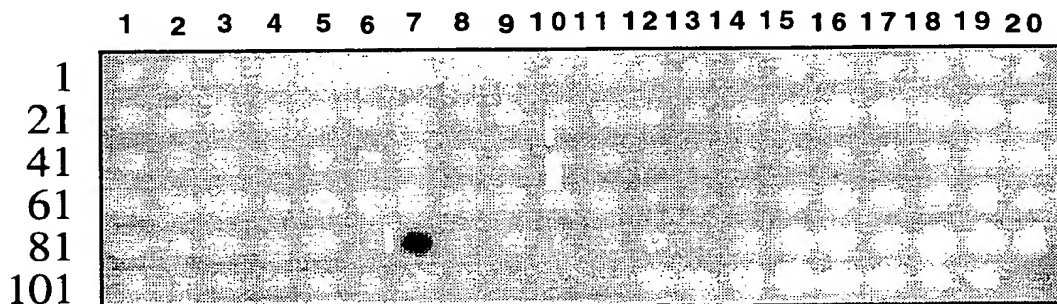


Fig. 26

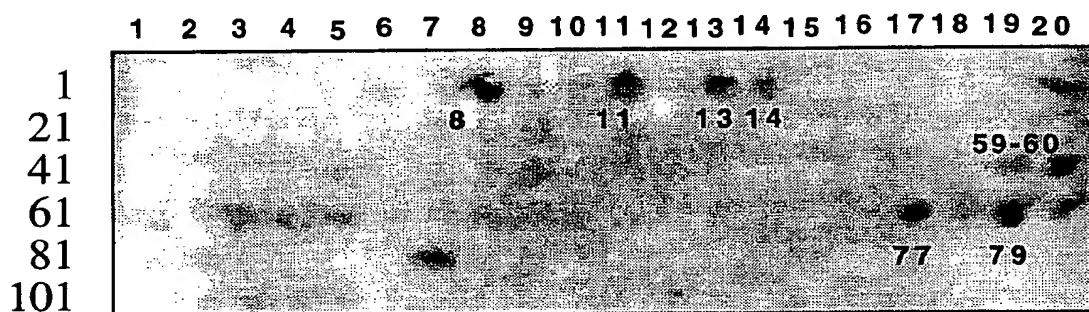
M/9:



HRP-conjugated anti murine immunoglobulin secondary antibody:



H79:



HD70:

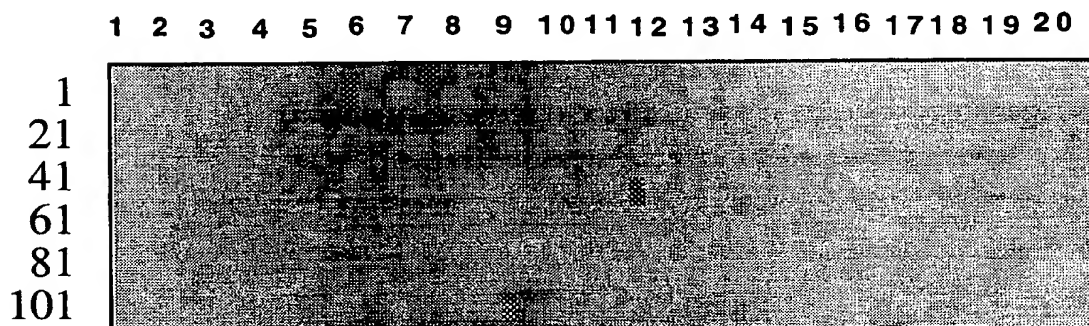


Fig. 27